



Specifications

Item	Technical Parameters
Gas Source	Compressed Air
Air Flow	Adjustable 1 - 10L/min, (Standard Air Flow 8L/min)
Sample Size	Φ25mm
Differential Pressure Sensor Range	0~500Pa
Display Mode	Touch Screen
Power Supply	220V, 50Hz

Application

Used for face mask air flow resistance and differential pressure testing to check breathability and can also be used to check differential pressure of textile materials gas exchanger.

principle

The output of the air flow is set by a gas flow meter, the air flow passes through a certain area of the test sample, the current pressure is detected by a pressure sensor, and the pressure difference is calculated.

Standards

EN 14683, YY0469-2011, YY0969-2013

Features

- Equipped with special sample grip, easy to use.
- Built-in HD touch screen.
- Built-in micro printer, easy to print test results.
- Equipped with high-precision differential pressure sensor, digitally display the pressure difference between the two sides of the sample;
- Equipped with high-precision gas flow control, real-time digital display of air flow to stably control air flow, manually setting available.
- Test time can be adjusted according to test requirements

